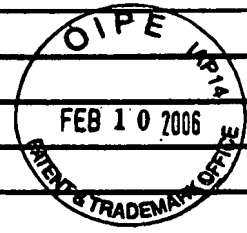


Substitute for form 1449/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/607,617
		Filing Date	June 27, 2003
		First Named Inventor	Jan Rippingale
		Art Unit	3625
		Examiner Name	Robert Pond
		Attorney Docket Number	PTSH-001
Sheet 1	of 1		



NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		RON WHITE, "How Computers Work 6th edition", ISBN 0-7897-2549-5, published Sept, 2001, (c) 2002, QUE, USA	

Examiner Signature		Date Considered	4/27/07
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Application Number

10/607,617

Filing Date

June 27, 2003

First Named Inventor

Rippingale

Art Unit

Examiner Name _____

Attorney Docket Number

PTSH-001

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RMA	1	US- 6543052	04-01-2003	Opasa Opasa Opasawara	
	2	US- 6535880	03-18-2003	Musgrövc et al.	
	3	US- 6484149	11-19-2002	Jamies et al.	
	4	US- 6466915	10-15-2002	Sazuki et al.	
	5	US- 6360206	03-19-2002	Yamashita et al.	
	6	US- 6247130	06-12-2001	Fritsch	
	7	US- 6246998	06-12-2001	Matsumori	
	8	US- 6233682	05-15-2001	Fritsch	
	9	US- 6125352	09-26-2000	Franklin et al.	
	10	US- 5966697	10-12-1999	Ferguson et al.	
	11	US- 5956709	09-21-1999	Xp	
	12	US- 5905973	05-18-1999	Yonezawa et al.	
	13	US- 20030018545	01-23-2003	Yonezawa, et al.	
	14	US- 20030018536	01-23-2003	Edgebraeten et al.	
	15	US- 20030004831	01-02-2003	Owens	
RMA	16	US- 20020194087	12-19-2002	Spiögel et al.	
	17	US- 20020161669	10-31-2002	Kitahara et al.	
	18	US- 20020161662	10-31-2002	Bredow et al.	
	19	US- 20020158916	10-31-2002	Gasler et al.	

FOREIGN PATENT DOCUMENTS

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Application Number	10/607,617
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Art Unit	
Examiner Name	
Attorney Docket Number	PTSH-001

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]	20	US- 20020156699	10-24-2002	Gray et al.	
	21	US- 20020156685	10-24-2002	Ehrlich et al.	
	22	US- 20020143662	10-03-2002	Clark et al.	
	23	US- 20020143660	10-03-2002	Himmel et al.	
	24	US- 20020133432	09-19-2002	Yamashita	
	25	US- 20020133429	09-19-2002	Lu	
	26	US- 20020133414	09-19-2002	Pradhan et al.	
	27	US- 20020131444	09-19-2002	Moedie et al.	
	28	US- 20020128931	09-12-2002	Himmel et al.	
	29	US- 20020111873	09-12-2002 08-13-2002	Ehrlich et al.	
	30	US- 20020099610	07-25-2002	Marion	
	31	US- 20020069114	06-06-2002	Charette et al.	
	32	US- 20020065851	05-30-2002	Watson et al.	
	33	US- 20020065737	05-30-2002	Alibadi et al.	
	34	US- 20020049637	04-25-2002	Harman et al.	
[Signature]	35	US- 20020042750	04-11-2002	Morrison	
	36	US- 20020038255	03-28-2002	Tarvydas et al.	
	37	US- 20020023007	02-21-2002	Lee	
	38	US- 20020022967	02-21-2002	Ohtado	

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**INFORMATION DISCLOSURE
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Filing Date	June 27, 2003
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Art Unit	
Examiner Name	
Attorney Docket Number	PTSH-001

Sheet 3 of 3**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
[Signature]	39	US- 20020016716	02-07-2002	Hong et al.	
	40	US- 20020010654	01-24-2002	Yonezawa et al.	
	41	US- 20010054012	12-20-2001	Kayyar	
	42	US- 20010051903	12-13-2001	Hansmann et al.	
	43	US- 20010049607	12-06-2001	Tanaka et al.	
	44	US- 20010047489	11-29-2001	Ito et al.	
	45	US- 20010044751	11-22-2001	Pugliese et al.	
	46	US- 20010042025	11-15-2001	Yonezawa et al.	
	47	US- 20010034658	10-25-2001	Silva et al.	
	48	US- 20010011239	08-02-2001	Kandoh et al.	
[Signature]	49	US- 20010007099	07-05-2001	Kau et al.	
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